

MTG expression plasmid pTRPMTG-01

Hpal

Scal∏bniH, II\βB/ Bg/II Ncol Ncol Hind<sup>III</sup> ScaIpUCB4 HindⅢ **B4** /Sla I ,Ncol pUCB3-4 pUCB3 Scal Bg/II**⊞**puiH 83 /Hpal,Bg/II ScalpUCB2 Scal F16. 2  $Bg/\Pi$ XbaI Bg/II pUCB1-2 Hpal **B**2 /Sla I ,XbaI C/aIScal HpaI HindⅢ HpaI Trp.P/0 Hpal Xbal ™bal, Hind™ pUCB1 <u>B</u> pTRPMTG-01 ClaI HpaI Hpal

MTG expression plasmid pTRPMTG-02

FIG. 3



- $1.MTG(4 \mu g)$
- 2.Whole fraction of broken pUC19/JM109 cells (negative control)
- 3.Whole fraction of broken pUCTRPMTG-02/JM109 cells
- 4. Centrifugal supernatant fraction of the third lane
- 5.Centrifugal precipitate fraction of the third lane

## FIG. 4

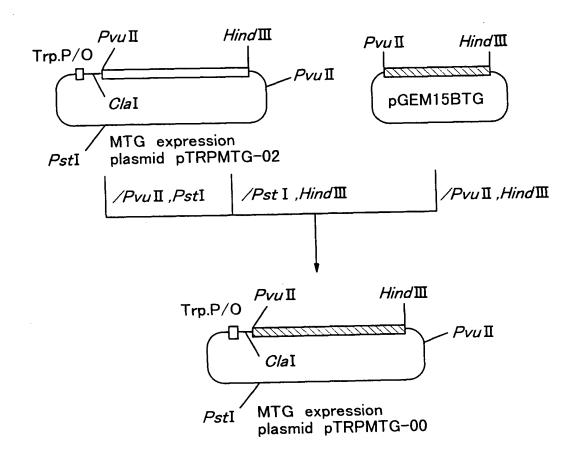
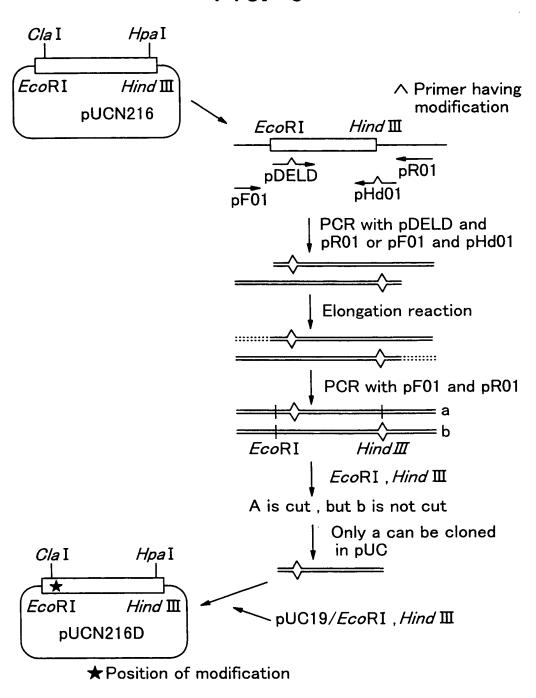
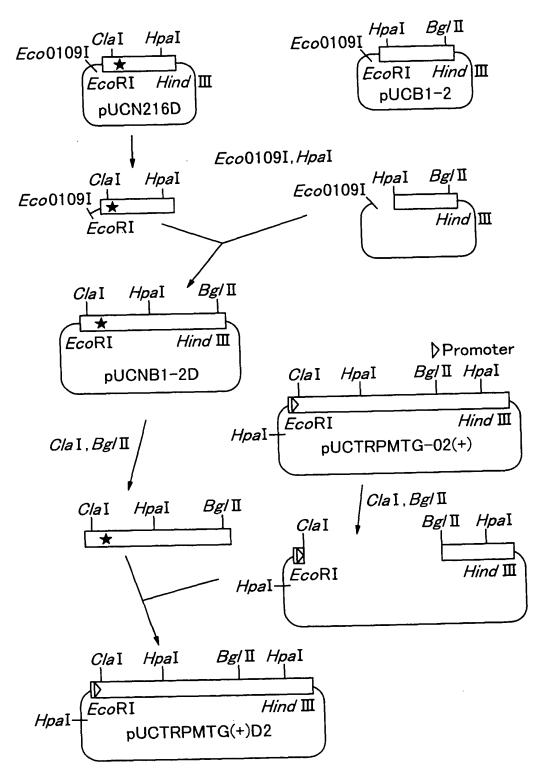


FIG. 5



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## FIG. 6



pUCTRPMTG-02(+): ...TTTAAATGGATTCTGACGAT...
N D S D D

pUCTRPMTG(+)D2 :

are deleted bases ···TTTAAATG----TCTGACGAT···
M S D D

Natural MTG

F16. 8

SDDRV··· MTG from pUCTRPMTG(+)D2 :

Reference

DSDDRV··· Natural MTG

MDSDDRV ... MTG from pUCTRPMTG-02(+) :

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